



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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LOC		DIST		REVISIONS			
P	LTR	DATE	DWN	APVD			
AD	00	0	EC 0G3C 0062 05	22JUN05	BSV	MSS	

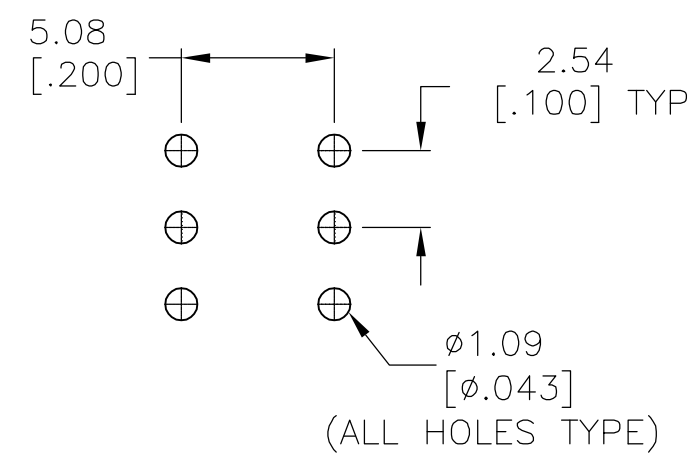
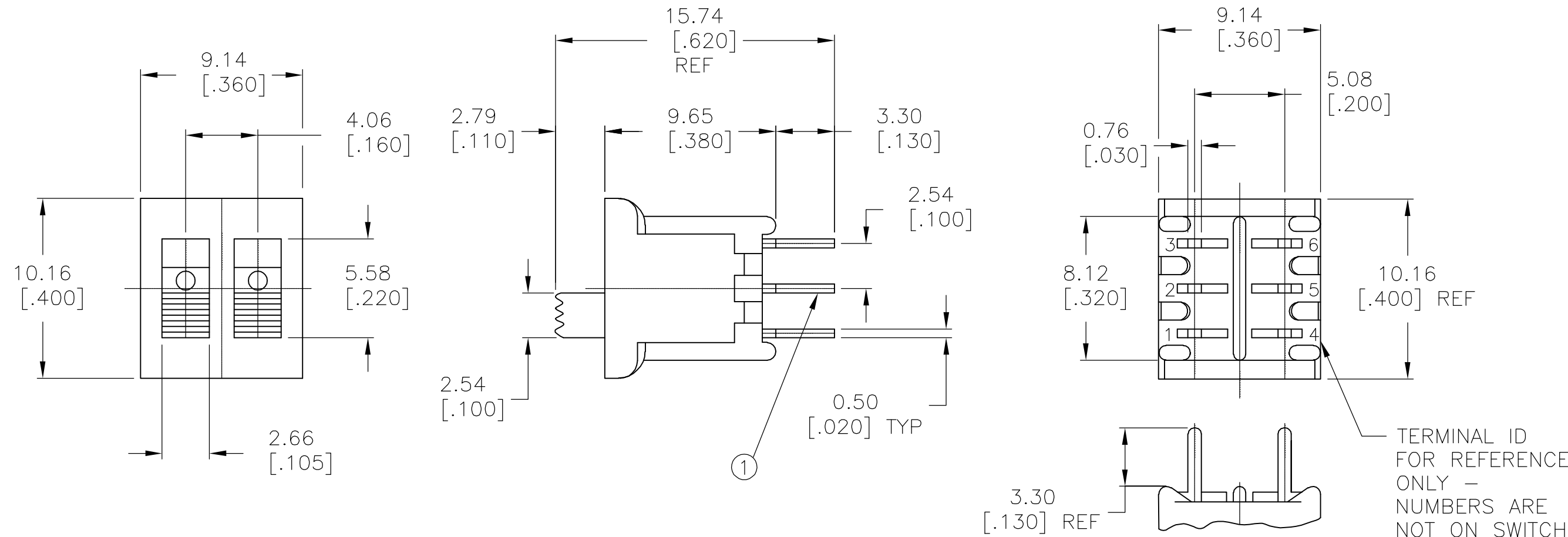
SPECIFICATIONS:  
 BREAK BEFORE MAKE  
 2XSPDT

MATERIALS:  
 CASE- LCP UL94V-0, BLACK  
 ACTUATOR- POLYESTER UL94V-0, BLACK  
 FRAME- STEEL, TIN PLATE  
 MOVING CONTACT- COPPER ALLOY, GOLD OVER NICKEL PLATE  
 FIXED CONTACT- COPPER ALLOY, GOLD OVER NICKEL PLATE  
 TERMINAL- COPPER ALLOY, TIN OVER NICKEL PLATE

ELECTRICAL:  
 CONTACT RATING- .4VA MAX @ 20V DC OR PEAK AC  
 INITIAL CONTACT RESISTANCE- 20 MILLIOHMS MAX  
 INSULATION RESISTANCE- 1,000 MEGOHMS MIN @ 500V DC  
 DIELECTRIC STRENGTH- 1,000 VOLTS RMS @ SEA LEVEL  
 LIFE- 60,000-80,000 CYCLES

MECHANICAL:  
 TRAVEL- .120  
 ACTUATION FORCE- 150-600 GRAMS

ENVIRONMENTAL:  
 OPERATING TEMPERATURE- -20°C TO +80°C.  
 STORAGE TEMPERATURE- -20°C TO +80°C.  
 SOLDER HEAT RESISTANCE- PER EIA-364-56A, PROCEDURE 3, COND B  
 SOLDERABILITY- PER EIA-364-52, CLASS 2, CATEGORY 1



RECOMMENDED  
 HOLE LAYOUT

2-3	NONE	1-2	SPDT	2	EXTENDED	TSD21DDGPC04	1825015-1
RIGHT	CENTER	LEFT	TYPE	POSN	ACTUATOR FLUSH/EXTENDED	ALCO P/N	TYCO P/N
ACTUATOR POSITION							
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	22JUN05				
DIMENSIONS: mm [INCHES]		CHK	B.S.VISWESWARA				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	-				
0 PLC ± -		PRODUCT SPEC	-				
1 PLC ± -		APPLICATION SPEC	-				
2 PLC ± 0.25[.010]		WEIGHT	-				
3 PLC ± -		SCALE	A2 00779 C=1825015				
4 PLC ± -		SHEET	1 OF 1				
ANGLES ± -		REV	0				
FINISH		CUSTOMER DRAWING					